Environmental Protection Agency

Pt. 63, Subpt. G, Table 2

Environmental Protection Agency

to a State, local, or Tribal agency under subpart E of this part, the authorities contained in paragraph (c) of this section are retained by the Administrator of U.S. EPA and cannot be transferred to the State, local, or Tribal agency.

(c) The authorities that cannot be delegated to State, local, or Tribal agencies are as specified in paragraphs (c)(1) through (4) of this section.

(1) Approval of alternatives to the requirements in §§ 63.110, 63.112 through 63.113, 63.119, 63.126, 63.132 through 63.140, 63.148 through 63.149, and 63.150(i)(1) through (4). Follow the requirements in § 63.121 to request permission to use an alternative means of emission limitation for storage vessels. Where these standards reference another subpart, the cited provisions will be delegated according to the delegation provisions of the referenced subpart. Where these standards reference another subpart and modify the requirements, the requirements shall be modified as described in this subpart. Delegation of the modified requirements will also occur according to the delegation provisions of the referenced subpart.

(2) Approval of major alternatives to test methods under §63.7(e)(2)(ii) and (f), as defined in §63.90, and as required in this subpart.

(3) Approval of major alternatives to monitoring under §63.8(f), as defined in §63.90, and as required in this subpart.

(4) Approval of major alternatives to recordkeeping and reporting under §63.10(f), as defined in §63.90, and as required in this subpart.

[68 FR 37344, June 23, 2003]

TABLE 1 TO SUBPART G OF PART 63—PROCESS VENTS—COEFFICIENTS FOR TOTAL RESOURCE EFFECTIVENESS FOR EXISTING SOURCE NONHALOGENATED AND HALOGENATED VENT STREAMS

<table>
<thead>
<tr>
<th>Type of Stream</th>
<th>Control Device Basis</th>
<th>Values of Coefficients</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nonhalogenated</td>
<td>Flare</td>
<td>1.935 3.660 × 10⁻¹ 7.687 × 10⁻² 7.333 × 10⁻³</td>
</tr>
<tr>
<td></td>
<td>Thermal Incinerator 0 Percent Heat Recovery</td>
<td>1.492 6.267 × 10⁻¹ 3.177 × 10⁻² 1.159 × 10⁻³</td>
</tr>
<tr>
<td></td>
<td>Thermal Incinerator 70 Percent Heat Recovery</td>
<td>2.519 1.183 × 10⁻¹ 1.300 × 10⁻² 4.790 × 10⁻³</td>
</tr>
<tr>
<td>Halogenated</td>
<td>Thermal Incinerator and Scrubber</td>
<td>3.995 5.200 × 10⁻¹ 1.769 × 10⁻² 9.700 × 10⁻³</td>
</tr>
</tbody>
</table>

TABLE 1A TO SUBPART G OF PART 63—APPLICABLE 40 CFR PART 63 GENERAL PROVISIONS

40 CFR part 63, subpart A, provisions applicable to subpart G

§ 63.1(a)(1), (a)(2), (a)(3), (a)(13), (a)(14), (b)(2) and (c)(4)
§ 63.2
§ 63.5(a)(1), (a)(2), (b), (d)(1)(ii), (d)(3)(ii), (d)(3)(iii) through (d)(3)(vii), (d)(4), (e), (f)(1), and (f)(2)
§ 63.6(a), (b)(3), (c)(5), (h)(1), (i)(2), (j)(4)(i)(A), (k)(5) through (l)(14), (k)(16) and (j)
§ 63.9(a)(2), (b)(4)(i), (b)(4)(ii), (b)(4)(iii), (b)(5)(i), (c), (d)
§ 63.10(d)(4)
§ 63.11 (c), (d), and (e)
§ 63.12(b)

a The notifications specified in §63.9(b)(4)(i) and (b)(5) shall be submitted at the times specified in 40 CFR part 65.


TABLE 2 TO SUBPART G OF PART 63—PROCESS VENTS—COEFFICIENTS FOR TOTAL RESOURCE EFFECTIVENESS FOR NEW SOURCE NONHALOGENATED AND HALOGENATED VENT STREAMS

<table>
<thead>
<tr>
<th>Type of stream</th>
<th>Control device basis</th>
<th>Values of Coefficients</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nonhalogenated</td>
<td>Flare</td>
<td>0.5276 0.0998 2.096 × 10⁻¹ 2.000 × 10⁻²</td>
</tr>
<tr>
<td></td>
<td>Thermal Incinerator 0 Percent Heat Recovery</td>
<td>0.4068 0.0171 8.664 × 10⁻³ 3.162 × 10⁻³</td>
</tr>
<tr>
<td></td>
<td>Thermal Incinerator 70 Percent Heat Recovery</td>
<td>3.995 5.200 × 10⁻¹ 1.769 × 10⁻² 9.700 × 10⁻³</td>
</tr>
</tbody>
</table>
### Table 3 to Subpart G of Part 63—Process Vents—Monitoring, Recordkeeping, and Reporting Requirements for Complying with 98 Weight-Percant Reduction of Total Organic Hazardous Air Pollutants Emissions or a Limit of 20 Parts Per Million by Volume

<table>
<thead>
<tr>
<th>Type of stream</th>
<th>Control device basis</th>
<th>Values of Coefficients</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>a</td>
</tr>
<tr>
<td>Halogenated</td>
<td>Thermal Incinerator and Scrubber</td>
<td>1.0895</td>
</tr>
</tbody>
</table>

#### Control device Parameters to be monitored:

- **Thermal incinerator**
  - Firebox temperature
    - [63.114(a)(1)(i)]
    - 1. Continuous records.
    - 2. Record and report the firebox temperature averaged over the full period of the performance test—NCS.
    - 3. Record the daily average firebox temperature for each operating day.
    - 4. Report all daily average temperatures that are outside the range established in the NCS or operating permit and all operating days when insufficient monitoring data are collected—PR.

- **Catalytic incinerator**
  - Temperature upstream and downstream of the catalyst bed
    - [63.114(a)(1)(ii)]
    - 1. Continuous records.
    - 2. Record and report the upstream and downstream temperatures and the temperature difference across the catalyst bed averaged over the full period of the performance test—NCS.
    - 3. Record the daily average upstream temperature and temperature difference across the catalyst bed for each operating day.
    - 4. Report all daily average upstream temperatures that are outside the range established in the NCS or operating permit—PR.
    - 5. Report all daily average temperature differences across the catalyst bed that are outside the range established in the NCS or operating permit—PR.
    - 6. Report all operating days when insufficient monitoring data are collected.

- **Boiler or process heater with a design heat input capacity less than 44 megawatts and vent stream is not introduced with or as the primary fuel.**
  - Firebox temperature
    - [63.114(a)(3)]
    - 1. Continuous records.
    - 2. Record and report the firebox temperature averaged over the full period of the performance test—NCS.
    - 3. Record the daily average firebox temperature for each operating day.
    - 4. Report all daily average firebox temperatures that are outside the range established in the NCS or operating permit and all operating days when insufficient monitoring data are collected—PR.

- **Flare**
  - Presence of a flame at the pilot light
    - [63.114(a)(2)]
    - 1. Hourly records of whether the monitor was continuously operating and whether the pilot flame was continuously present during each hour.
    - 2. Record and report the presence of a flame at the pilot light over the full period of the compliance determination—NCS.
    - 3. Record the times and durations of all periods when all pilot flames are absent or the monitor is not operating.
    - 4. Report the times and durations of all periods when all pilot flames of a flare are absent—PR.

- **Recapture devices**
  - The appropriate monitoring device identified in table 4 when, in the table, the term “recapture” is substituted for “recovery.”
    - [63.114(a)(5)]
    - 1. The recordkeeping and reporting requirements for monitored parameters identified for the appropriate monitoring device in table 4 of this subpart.

- **Scrubber for halogenated vent streams (Note: Controlled by a combustion device other than a flare).**
  - pH of scrubber effluent
    - [63.114(a)(4)(ii)]
    - 1. Continuous records.
    - 2. Record and report the pH of the scrubber effluent averaged over the full period of the performance test—NCS.
    - 3. Record the daily average pH of the scrubber effluent for each operating day.
    - 4. Report all daily average pH values of the scrubber effluent that are outside the range established in the NCS or operating permit and all operating days when insufficient monitoring data are collected—PR.